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Coursera - AWS Elastic Beanstalk:Deploy a Python(Flask) Web Application

Generated on December 17, 2023

Summary

Notes

Screenshots

Bookmarks

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0

accessing web app versions, restart servers , server performance monitoring and terminate servers

0:56

The screenshot shows the AWS Elastic Beanstalk console for an environment named 'Myflaskwebapp-env'. The console displays the environment's health status as 'Ok', the running version as 'read_env_prop_1', and the platform as 'Python 3.7 running on 64bit Amazon Linux 2/3.1.1'. The left sidebar shows the navigation menu with 'Application versions' highlighted. The bottom of the screenshot shows the browser's address bar and taskbar.

1:09

flask - Google x 127.0.0.1:5000 x myFlaskWeb x myflaskweb x https://elastic x myflaskweb x

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/application/versions?applicationN...

aws Services Resource Groups test @ 4five labs Ohio Support

Elastic Beanstalk

Environments Applications

myFlaskWebApp Application versions Saved configurations

Recent environments Myflaskwebapp-env

Elastic Beanstalk > Applications > myFlaskWebApp > Application versions

Application versions

Actions Settings Upload Refresh

| <input type="checkbox"/> | Version label | Description | Date created | Source |
|--------------------------|--------------------|-------------|---------------------------|---|
| <input type="checkbox"/> | read_env_prop_1 | | 2020-09-18T22:11:21+00:00 | 20202628E-read_env_prop_1.zip |
| <input type="checkbox"/> | bug_1 | | 2020-09-18T21:35:47+00:00 | 2020262gs1-bug_1.zip |
| <input type="checkbox"/> | version_1 | | 2020-09-18T21:07:19+00:00 | 2020262ot1-version_1.zip |
| <input type="checkbox"/> | Sample Application | | 2020-09-17T23:00:49+00:00 | Sample App |

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myFlaskWebApp - Application... MyFlaskWebApp - File Mana... application.py - MyFlaskWeb...

1:15

flask - Google x 127.0.0.1:5000 x myFlaskWeb x myflaskweb x https://elastic x myflaskweb x

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/application/versions?applicationN...

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Elastic Beanstalk

Environments Applications

myFlaskWebApp Application versions Saved configurations

Recent environments Myflaskwebapp-env

Elastic Beanstalk > Applications > myFlaskWebApp > Application versions

Application versions

Actions Settings Upload Refresh

| <input type="checkbox"/> | Version label | Description | Date created | Source |
|--------------------------|--------------------|-------------|---------------------------|---|
| <input type="checkbox"/> | read_env_prop_1 | | 2020-09-18T22:11:21+00:00 | 20202628E-read_env_prop_1.zip |
| <input type="checkbox"/> | bug_1 | | 2020-09-18T21:35:47+00:00 | 2020262gs1-bug_1.zip |
| <input type="checkbox"/> | version_1 | | 2020-09-18T21:07:19+00:00 | 2020262ot1-version_1.zip |
| <input type="checkbox"/> | Sample Application | | 2020-09-17T23:00:49+00:00 | Sample App |

https://us-east-2.console.aws.amazon.com/elasticbeanstalk/service/util/applicationVersionRedirect?region=us-east-2&applicationName=myFlaskWebApp&versionLabel=read...

myFlaskWebApp - Application... MyFlaskWebApp - File Mana... application.py - MyFlaskWeb...

1:52

you can download it by clicking on the link

▶ 1:56

flask - Google | 127.0.0.1:5000 | myFlaskWebApp | myflaskwebapp | https://elasticbeanstalk.com | myflaskwebapp | +

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/application/versions?applicationName=...

Elastic Beanstalk

Environments

Applications

myFlaskWebApp

Application versions

Saved configurations

Recent environments

Myflaskwebapp-env

Application versions

Actions ▲ Settings Upload Refresh

Delete

Deploy

Manage tags

| | label | Description | Date created | Source |
|-------------------------------------|--------------------|-------------|---------------------------|-------------------------|
| <input type="checkbox"/> | read_env_prop_1 | | 2020-09-18T22:11:21+00:00 | 20202628E-read_env_pr |
| <input checked="" type="checkbox"/> | bug_1 | | 2020-09-18T21:35:47+00:00 | 2020262gs1-bug_1.zip |
| <input type="checkbox"/> | version_1 | | 2020-09-18T21:07:19+00:00 | 2020262ot1-version_1.zl |
| <input type="checkbox"/> | Sample Application | | 2020-09-17T23:00:49+00:00 | Sample App |

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myFlaskWebApp - Application... MyFlaskWebApp - File Mana... application.py - MyFlaskWeb...

▶ 2:07

flask - Google | 127.0.0.1:5000 | myFlaskWebApp | myflaskwebapp | https://elasticbeanstalk.com | myflaskwebapp | +

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/application/versions?applicationName=...

Elastic Beanstalk

Environments

Applications

myFlaskWebApp

Application versions

Saved configurations

Recent environments

Myflaskwebapp-env

Application versions

Actions ▲ Settings Upload Refresh

Delete

Deploy

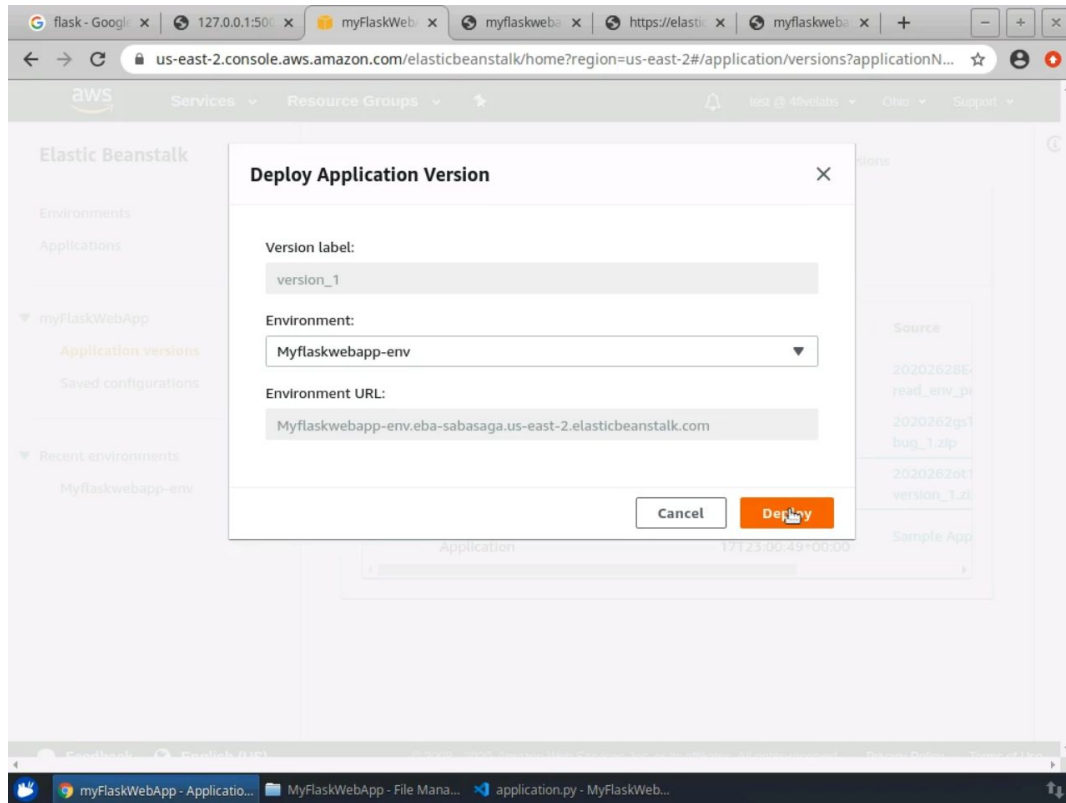
Manage tags

| | label | Description | Date created | Source |
|-------------------------------------|--------------------|-------------|---------------------------|-------------------------|
| <input type="checkbox"/> | read_env_prop_1 | | 2020-09-18T22:11:21+00:00 | 20202628E-read_env_pr |
| <input type="checkbox"/> | bug_1 | | 2020-09-18T21:35:47+00:00 | 2020262gs1-bug_1.zip |
| <input checked="" type="checkbox"/> | version_1 | | 2020-09-18T21:07:19+00:00 | 2020262ot1-version_1.zl |
| <input type="checkbox"/> | Sample Application | | 2020-09-17T23:00:49+00:00 | Sample App |

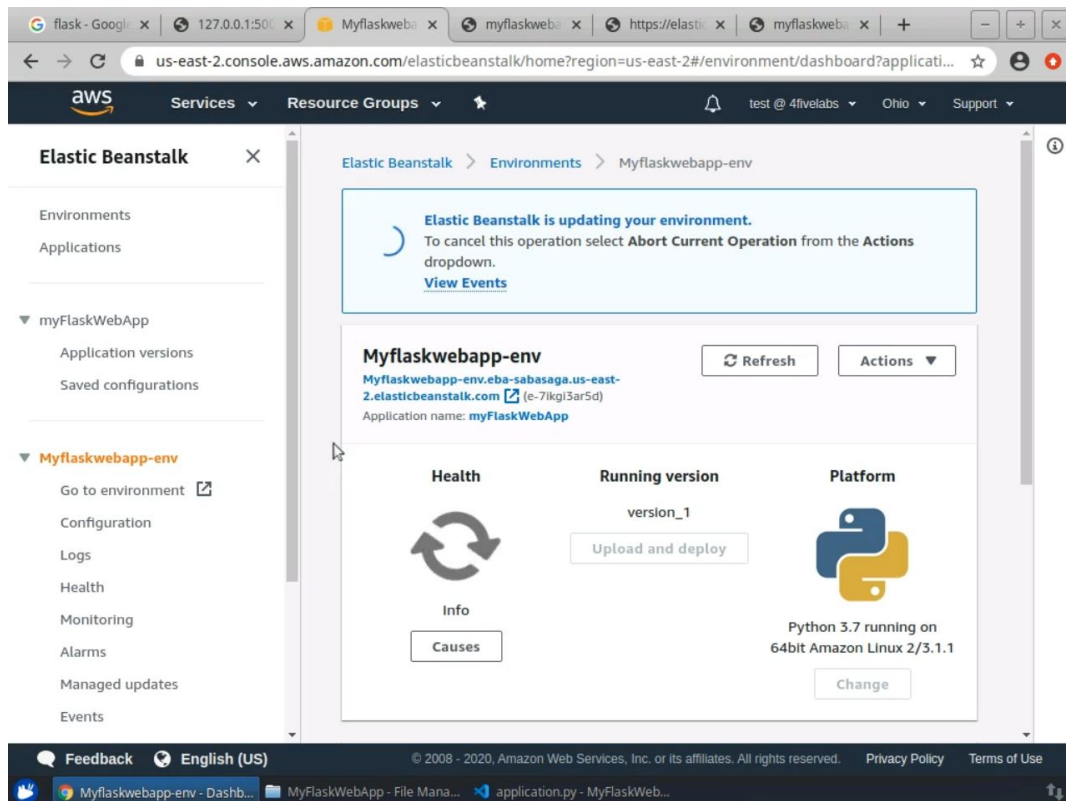
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myFlaskWebApp - Application... MyFlaskWebApp - File Mana... application.py - MyFlaskWeb...

▶ 2:38



▶ 2:57



▶ 3:16

The screenshot shows the AWS Elastic Beanstalk console for the environment 'Myflaskwebapp-env'. The console displays the environment's health status as 'Healthy', the running version as 'version_1', and the platform as 'Python 3.7 running on 64bit Amazon Linux 2/3.1.1'. The left sidebar shows the navigation menu with options like 'Environments', 'Applications', and 'Myflaskwebapp-env'. The bottom of the console shows a taskbar with open applications including 'Myflaskwebapp-env - Dashb...' and 'MyFlaskWebApp - File Mana...'.

▶ 3:18

The screenshot shows a web browser displaying the URL 'myflaskwebapp-env.eba-sabasaga.us-east-2.elasticbeanstalk.com'. The browser displays the text 'Hello World'.

Hello World
I

The screenshot shows a taskbar with open applications including 'myflaskwebapp-env.eba-sab...', 'MyFlaskWebApp - File Mana...', and 'application.py - MyFlaskWeb...'.

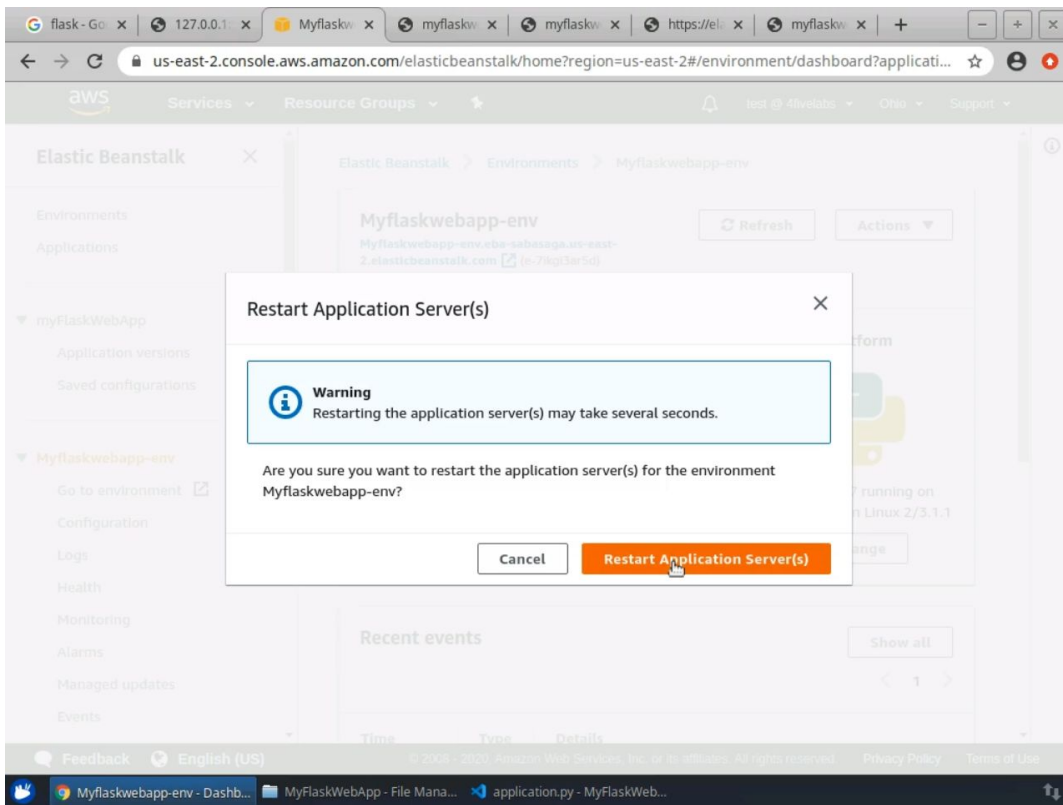
▶ 3:24

Restarting the Server Now:

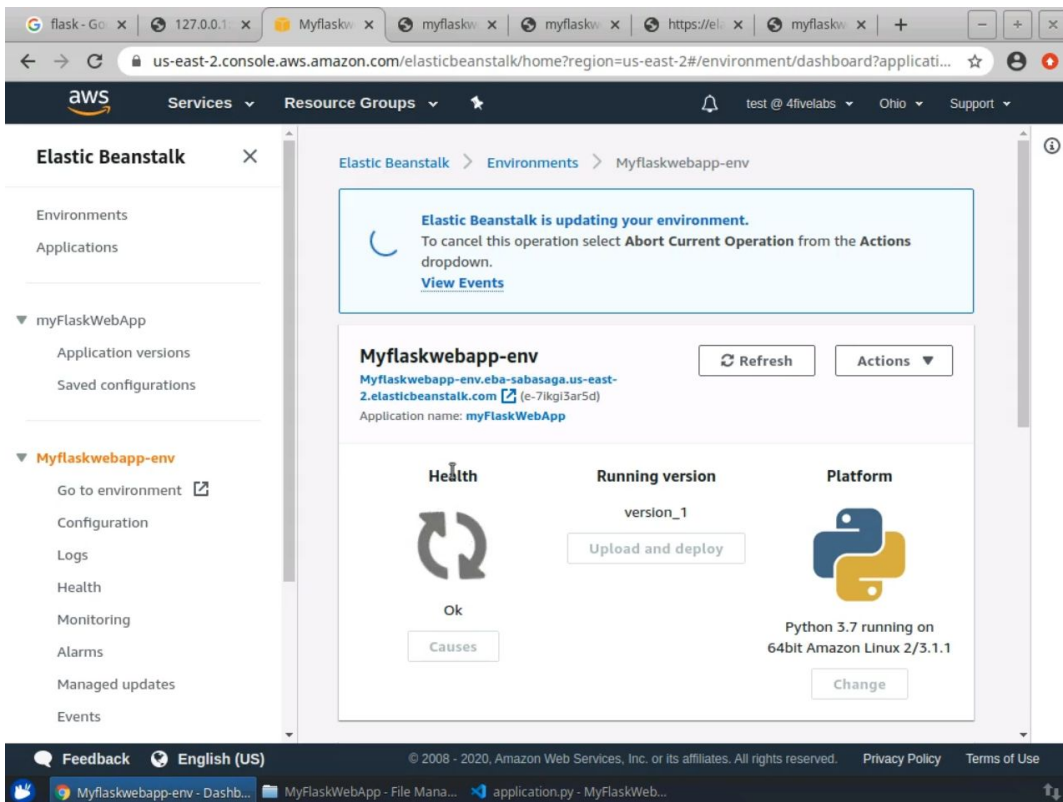
▶ 3:39

The screenshot shows the AWS Elastic Beanstalk console for an environment named 'Myflaskwebapp-env'. The left sidebar shows the navigation menu with 'Environments' selected. The main content area displays the environment's details, including its health status (Ok), running version (version_1), and a list of actions. The 'Restart app server(s)' action is highlighted in the 'Actions' dropdown menu. Below the actions, the 'Recent events' section is visible, showing a list of events with columns for Time, Type, and Details.

▶ 3:50



▶ 3:53



▶ 3:56

flask - Go x

127.0.0.1 x

Myflaskw x

myflaskw x

myflaskw x

https://el x

myflaskw x

+

-

+

x

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/environment/dashboard?applicati... ☆

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Elastic Beanstalk

Environments

Applications

▼ myFlaskWebApp

Application versions

Saved configurations

▼ Myflaskwebapp-env

Go to environment

Configuration

Logs

Health

Monitoring

Alarms

Managed updates

Events

Elastic Beanstalk > Environments > Myflaskwebapp-env

Myflaskwebapp-env

Myflaskwebapp-env.eba-sabasaga.us-east-2.elasticbeanstalk.com (e-7ikgi3ar5d)

Application name: myFlaskWebApp

Refresh

Actions

Health

Running version

Platform

Ok

Causes

version_1

Upload and deploy

Python 3.7 running on 64bit Amazon Linux 2/3.1.1

Change

Recent events

Show all

< 1 >

Time

Type

Details

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Myflaskwebapp-env - Dashb... MyFlaskWebApp - File Mana... application.py - MyFlaskWeb...

4:03